



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Tuesday February 22, 2022

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



# Summary of the Upcoming Week

- **Severe thunderstorms possible across AR into N LA today.**
- **Winter precipitation in N NM today expanding into portions of W NM, Central & E OK, N AR, and N TX on Wednesday & Thursday.**
- **Elevated to critical fire weather conditions for S NM, Far W TX today and tomorrow.**
- **Marginal risk of severe thunderstorms Thursday for E TX into LA and SE AR.**



# FEMA Region 6 Threat Matrix

Feb 22, 2022 - Feb 26, 2022

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	NE AR		ETX, LA, SE AR		
	AR, N LA				
Heavy Rain / Flash Flooding					
Fire Weather	S NM, Far W TX	S NM, Far W TX			
Winds					
Winter Weather	N NM	E OK, N AR	E OK, N AR		
		Central OK, N&W NM, N TX	Central OK, N&W NM, N TX		
River Flooding	NE AR	NE AR	NE AR	NE AR	NE AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

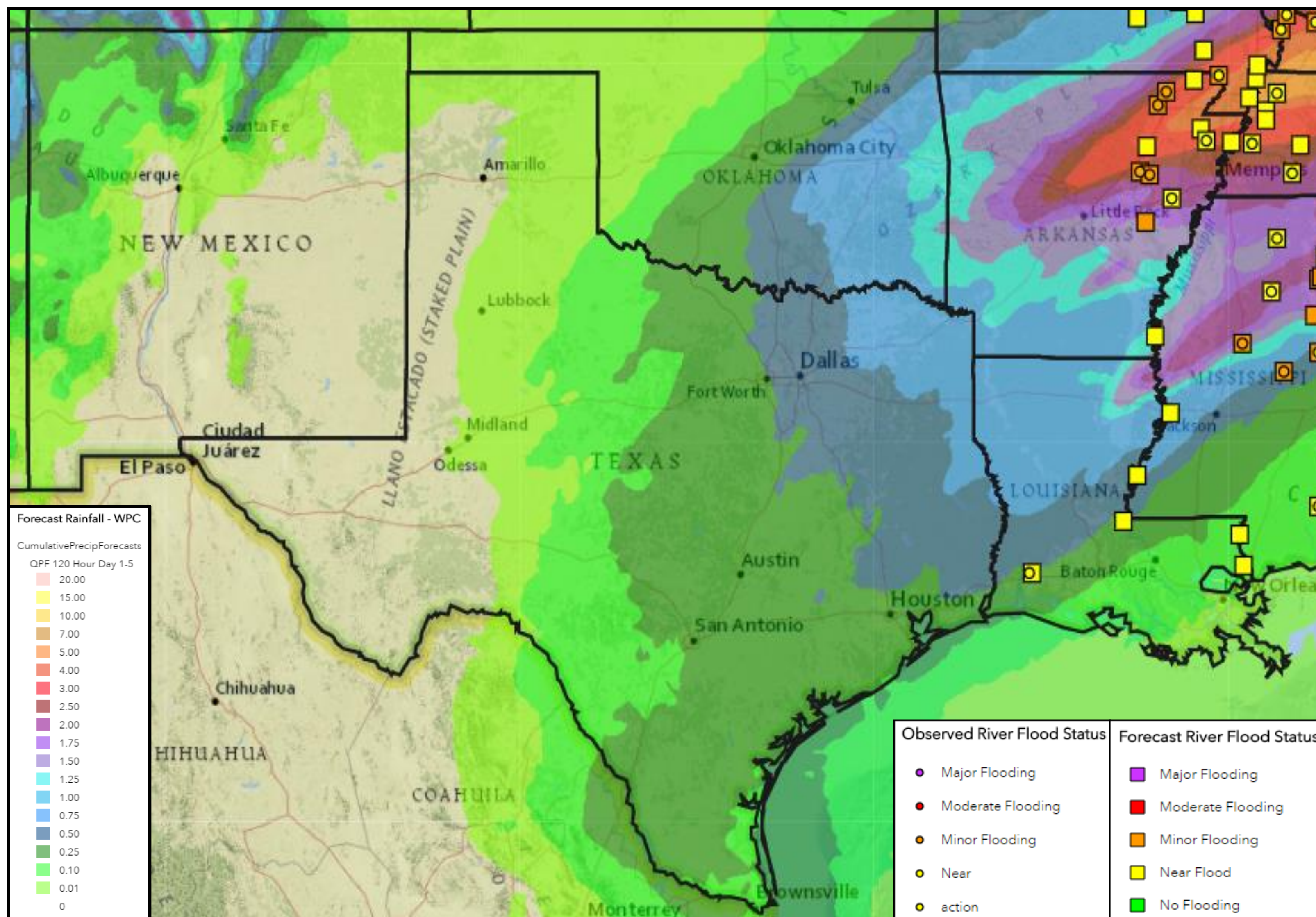
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*





# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor river flooding continues this week across parts of NE AR.**

**Flooding of agricultural areas, timberland, and secondary roads.**

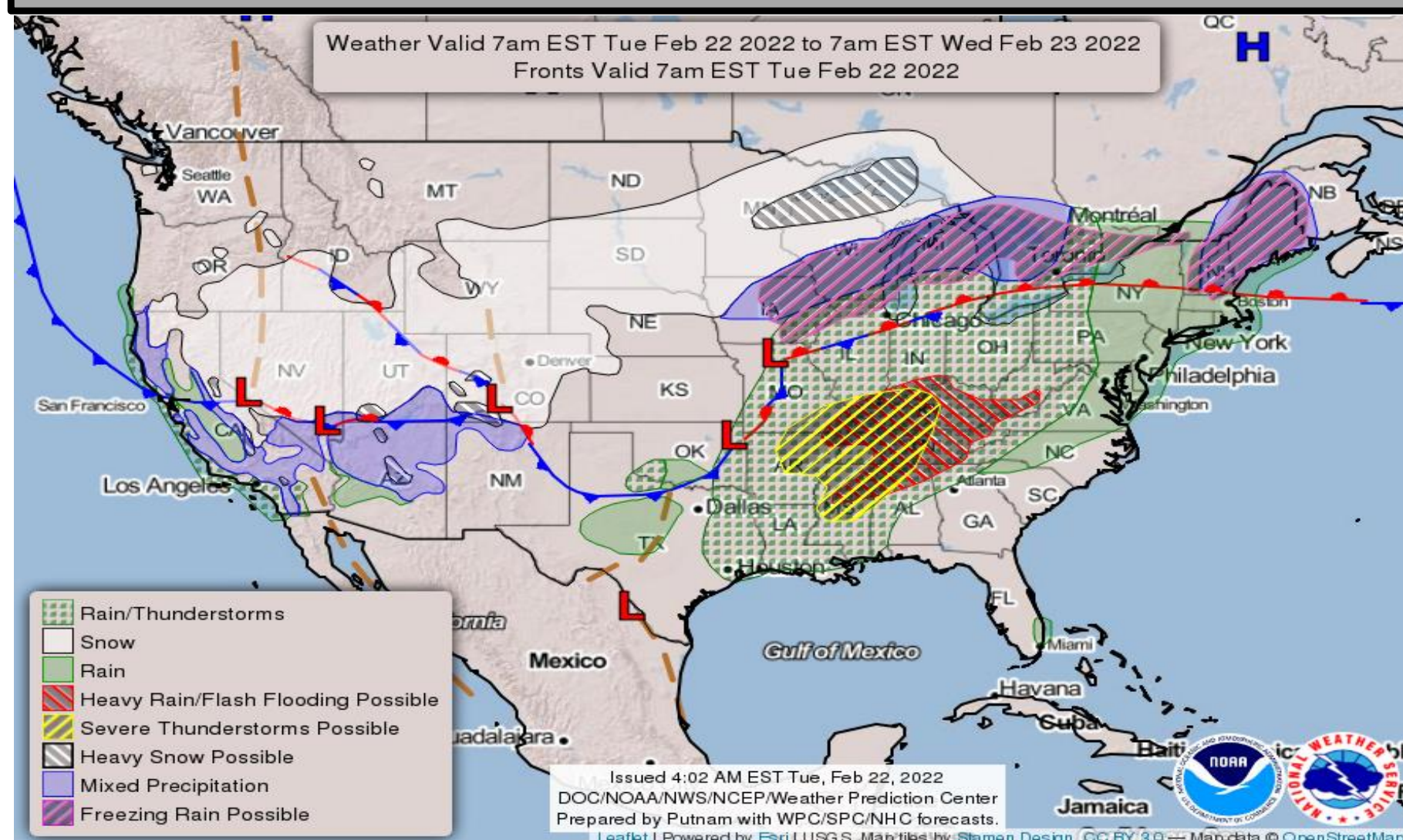
<http://water.weather.gov/ahps> for latest river flooding



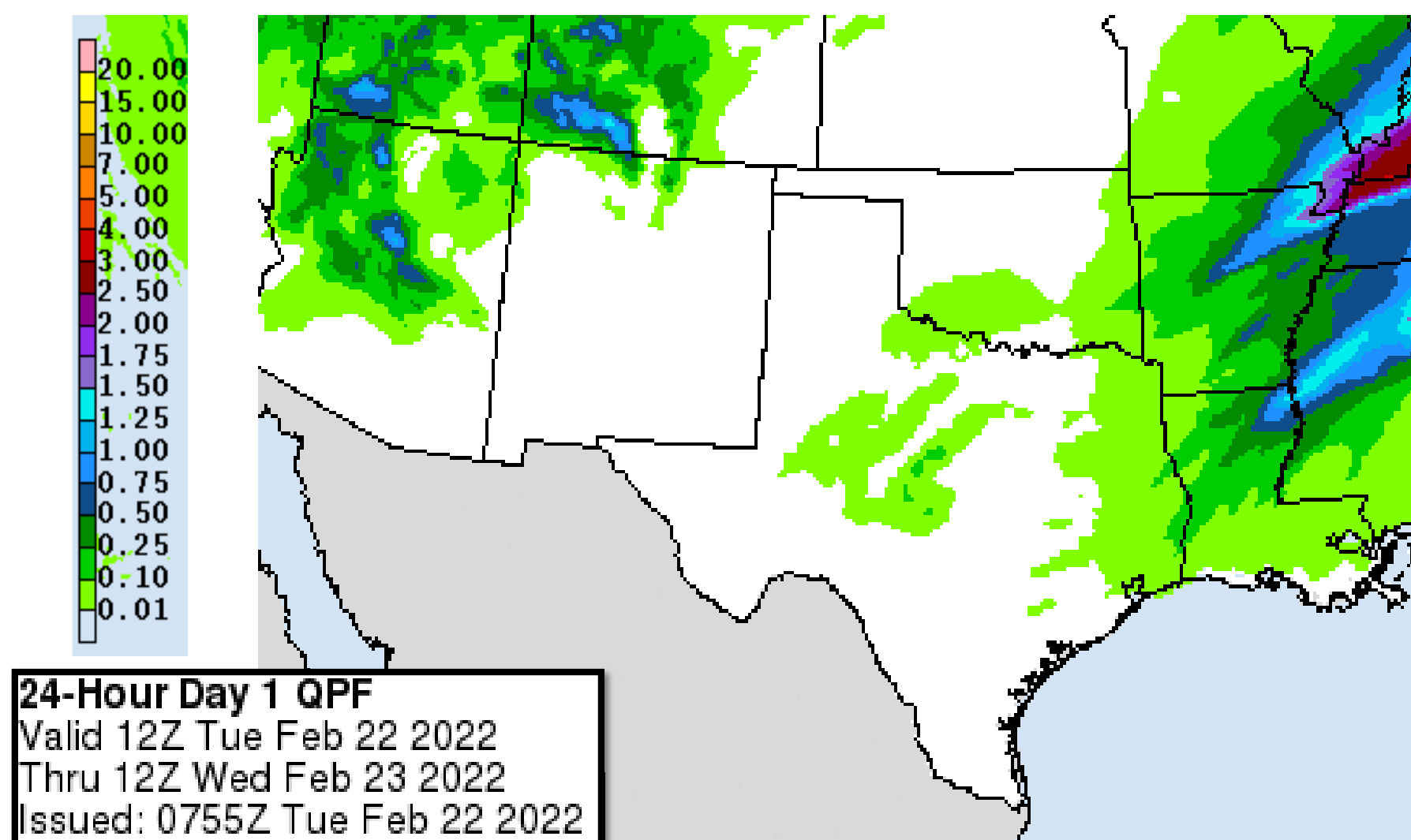


# Today's Weather

## Forecast Chart



## Forecast Rainfall

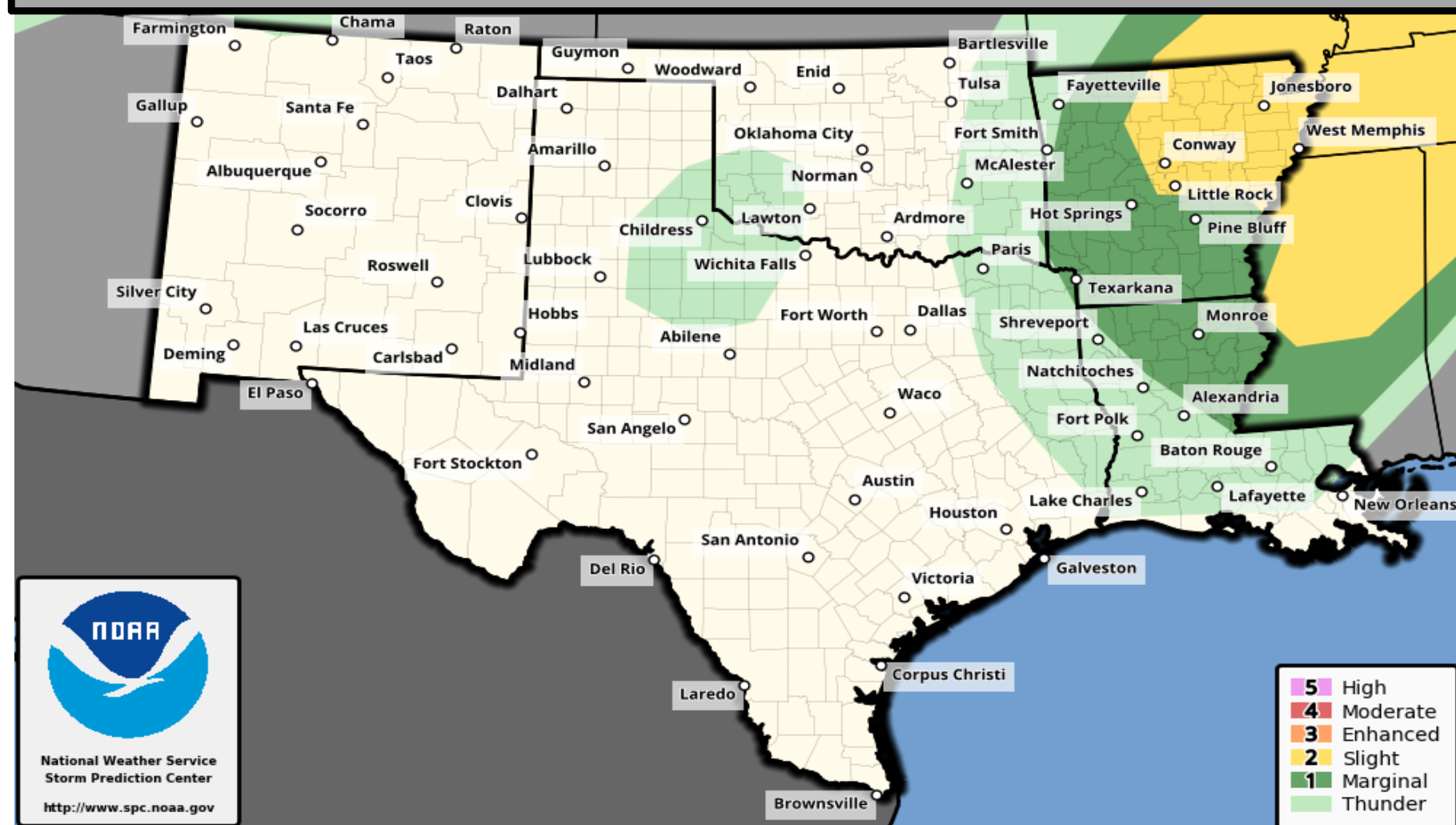


**Severe thunderstorms possible across AR and N LA.**

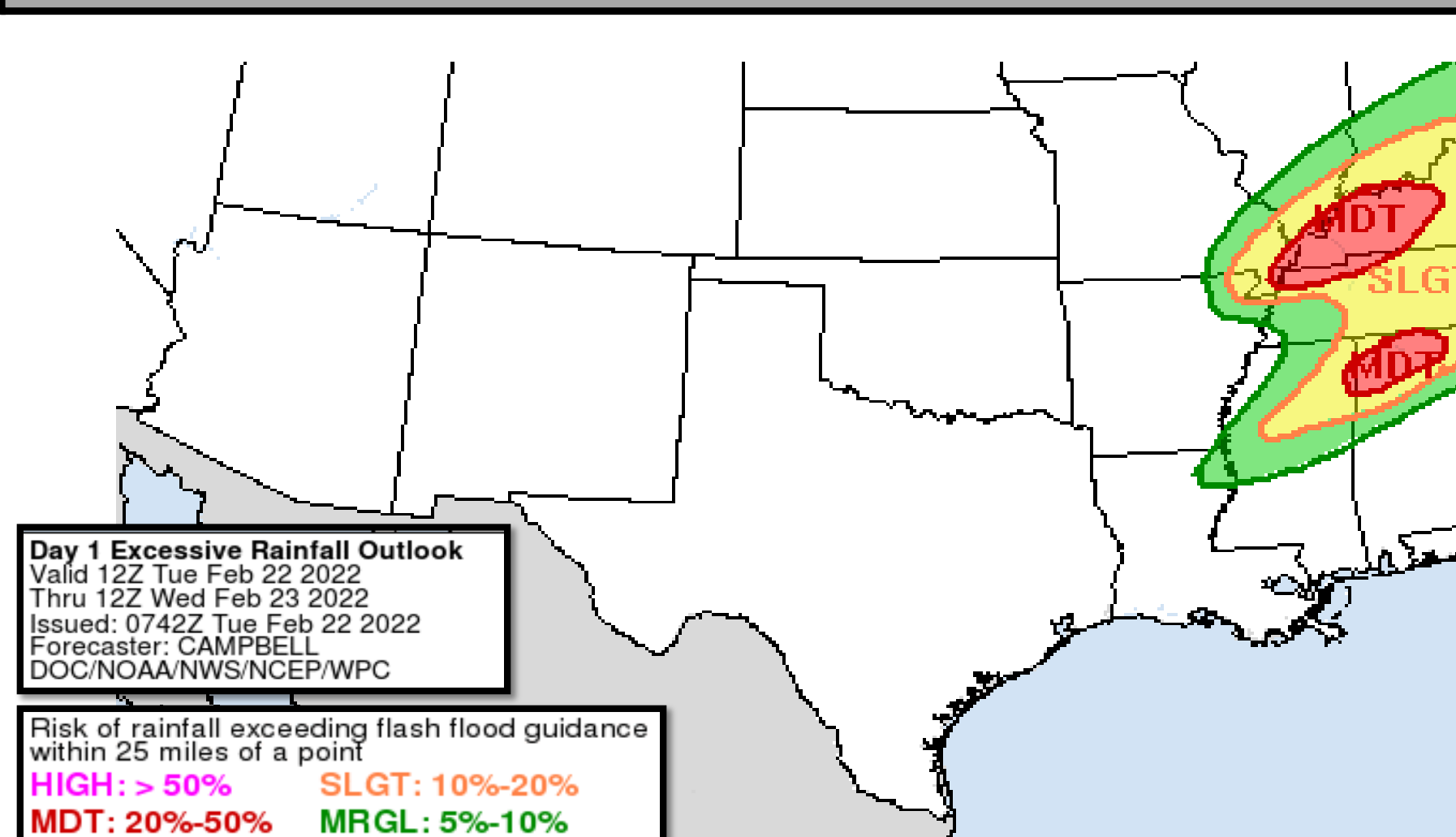
**Damaging winds are the main threat. A few tornadoes and isolated hail possible.**

**Heavy snow with hazardous travel for portions of N NM.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

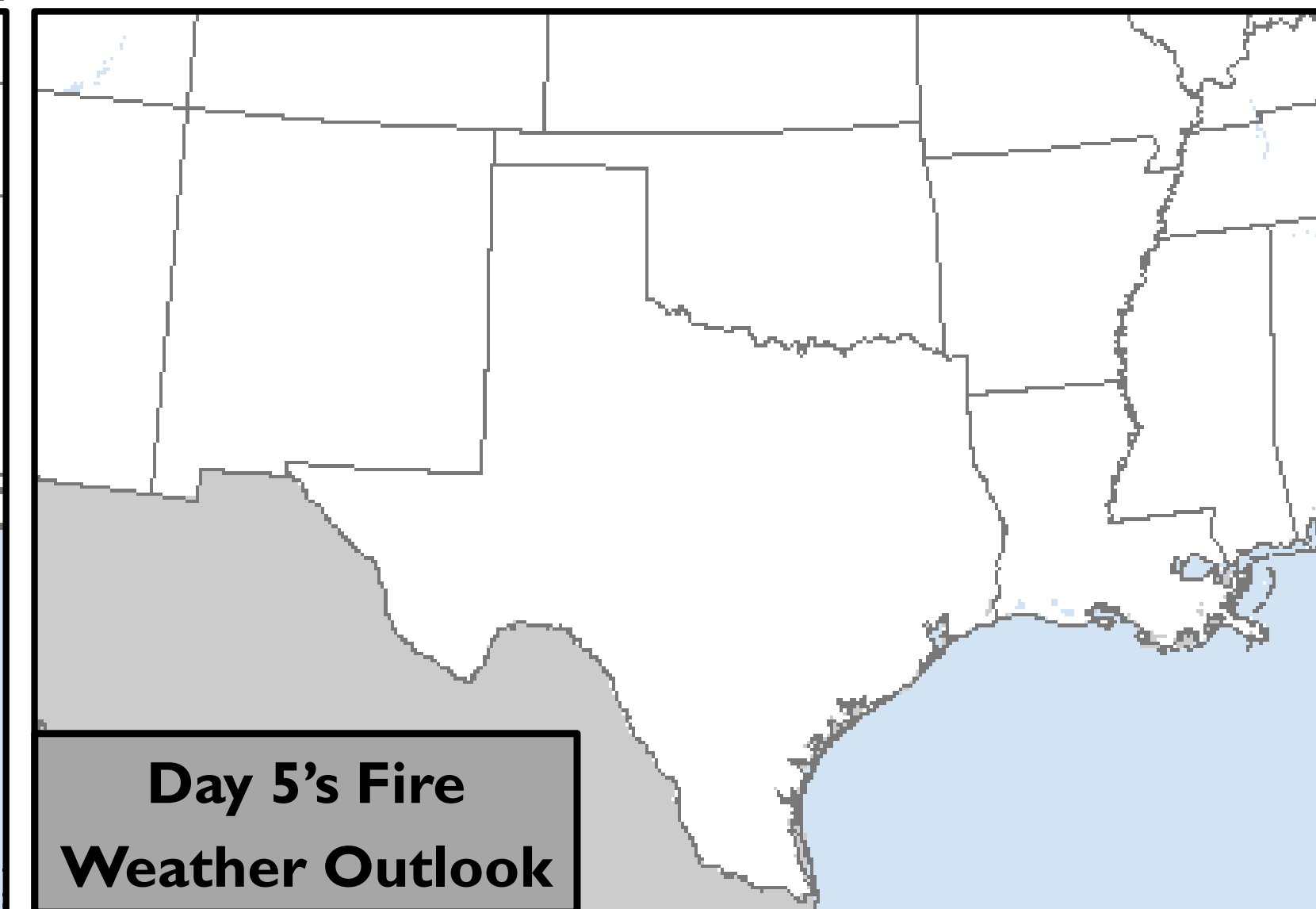
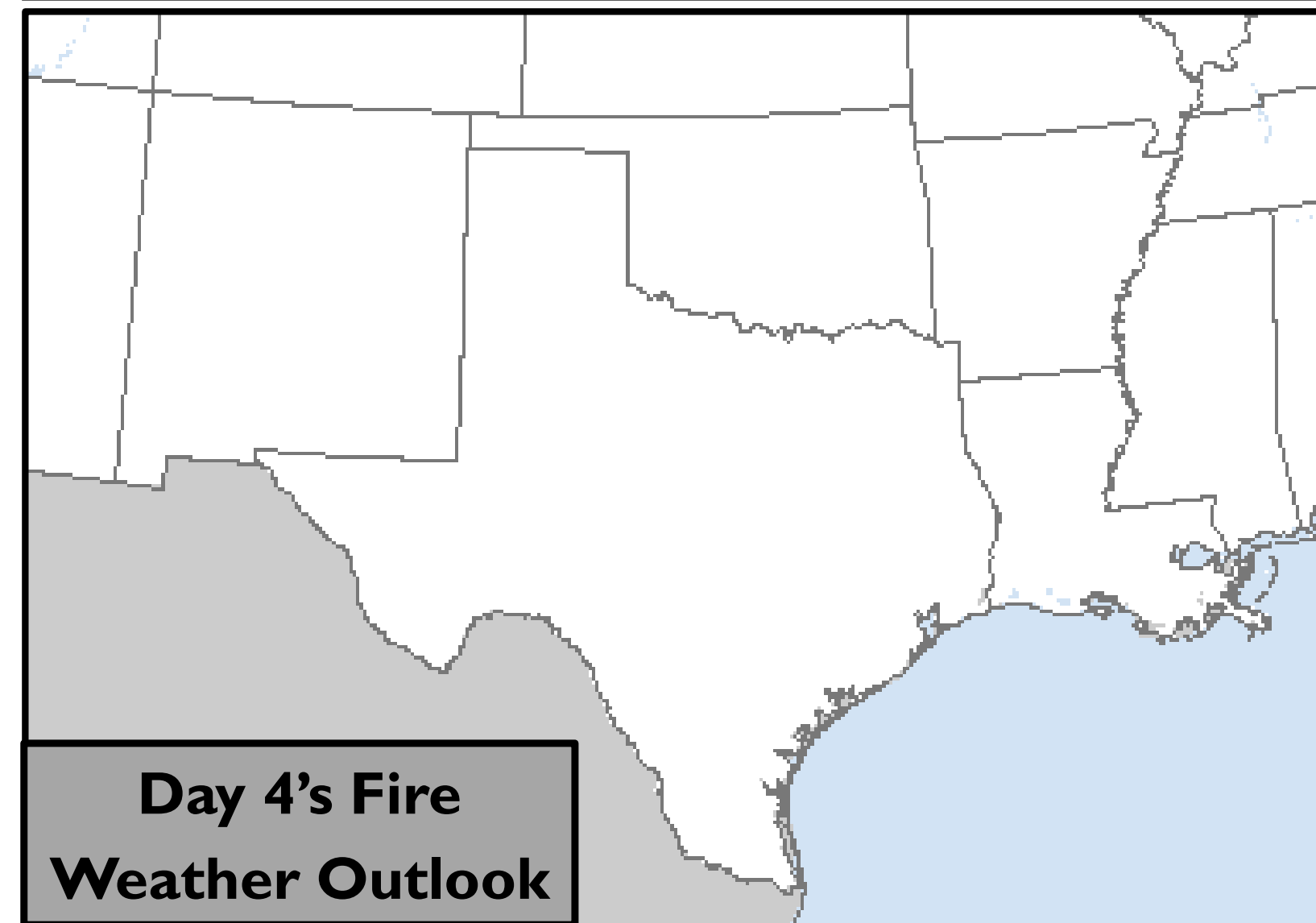
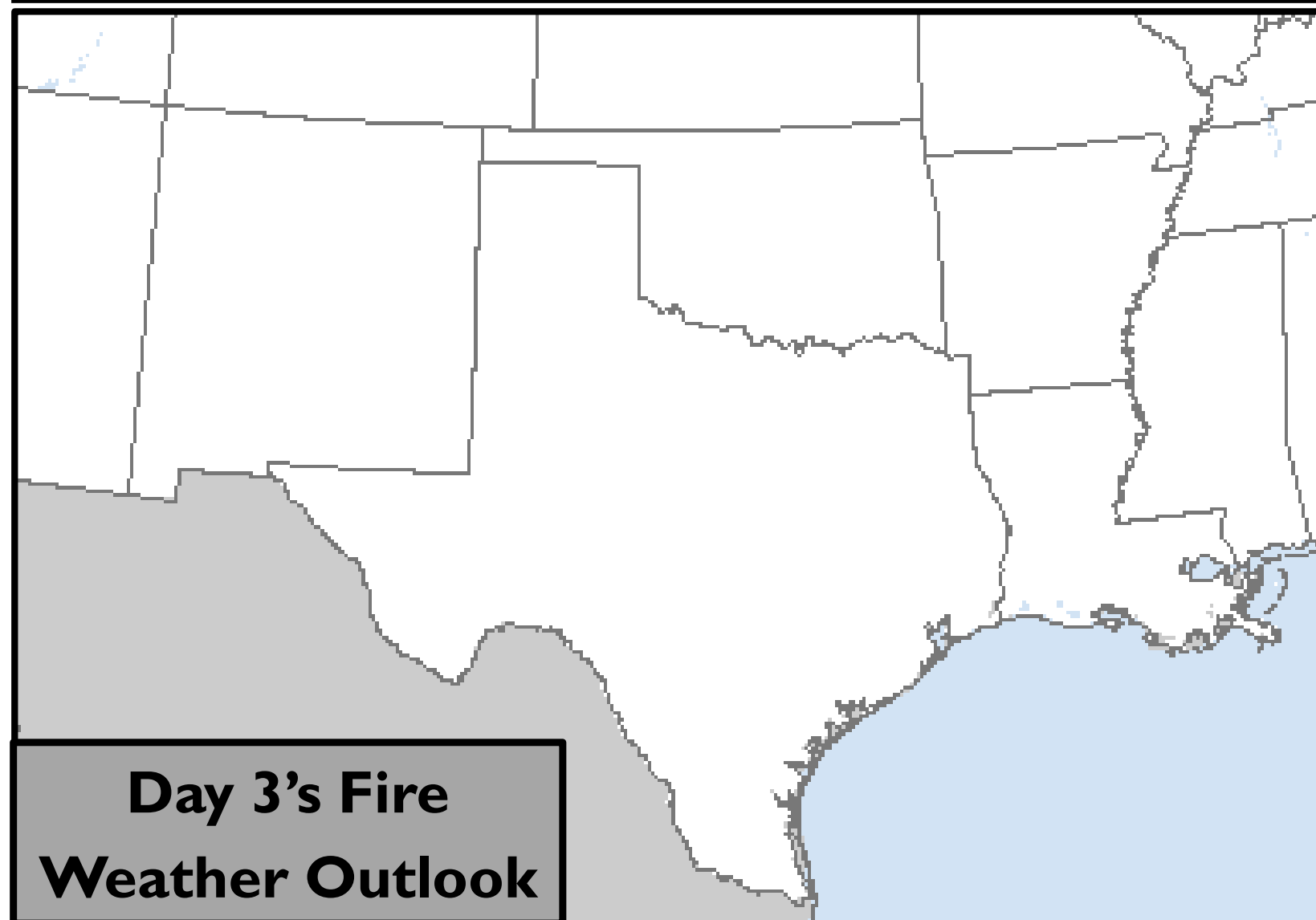
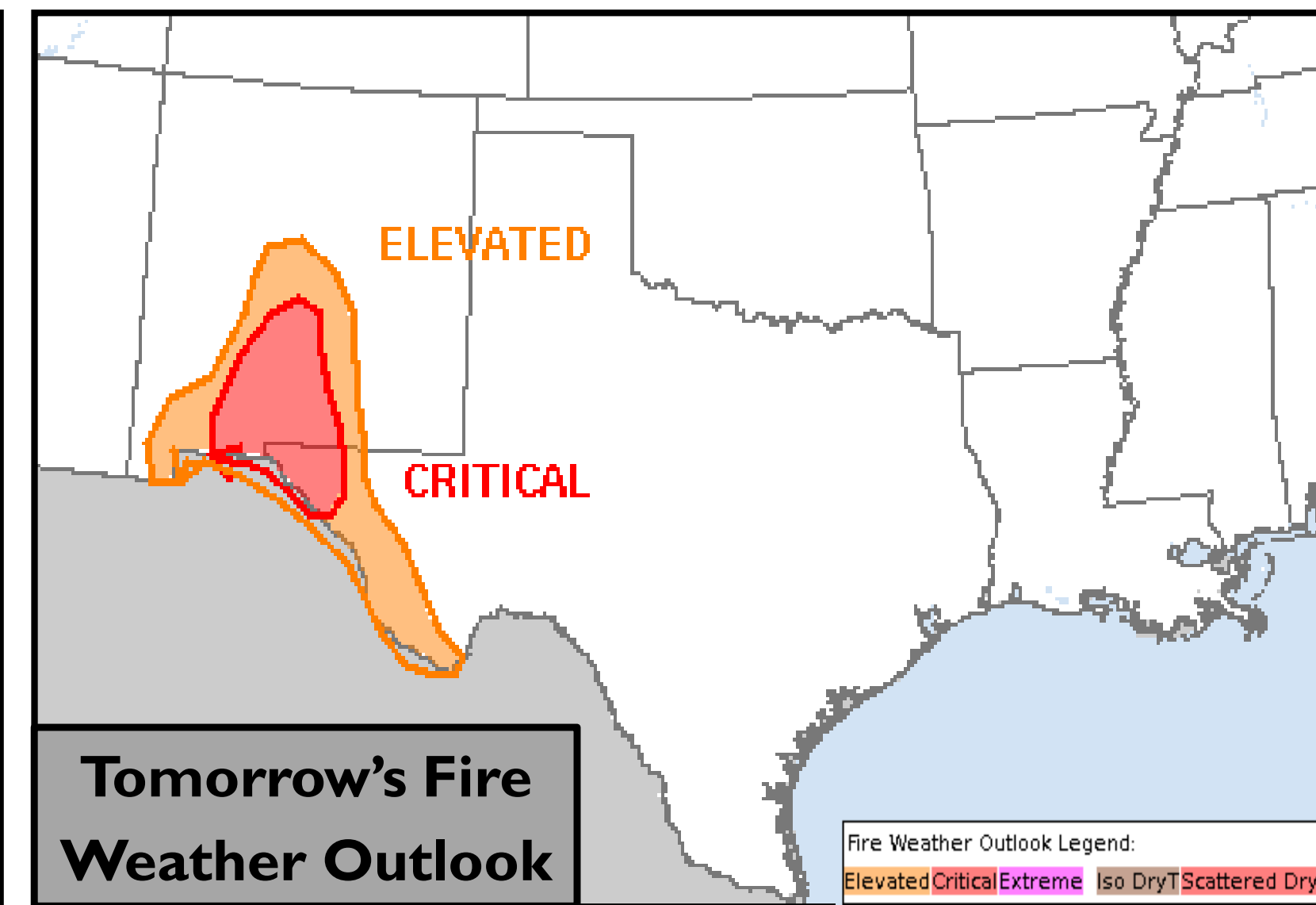
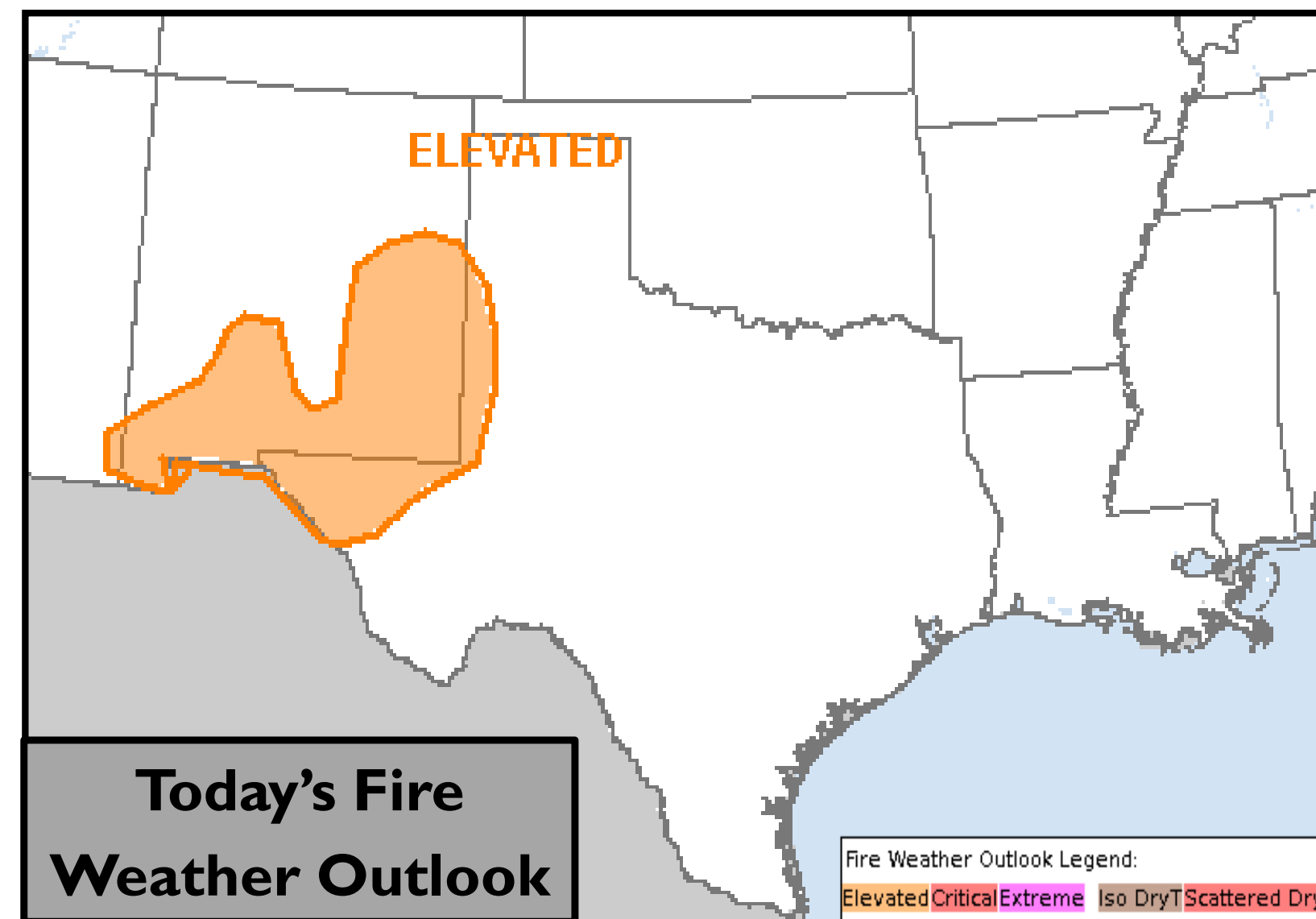
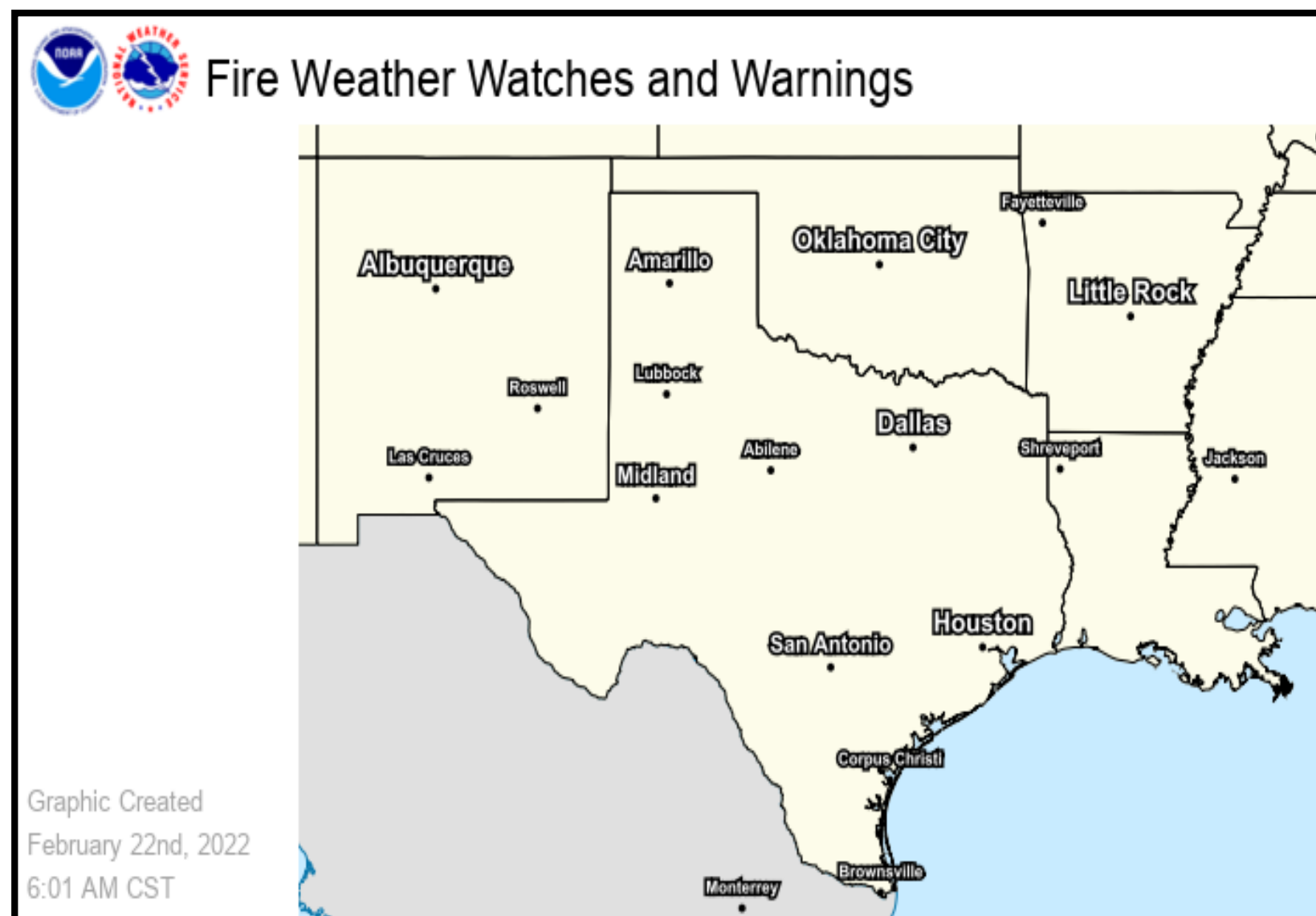






# Fire Weather Outlooks

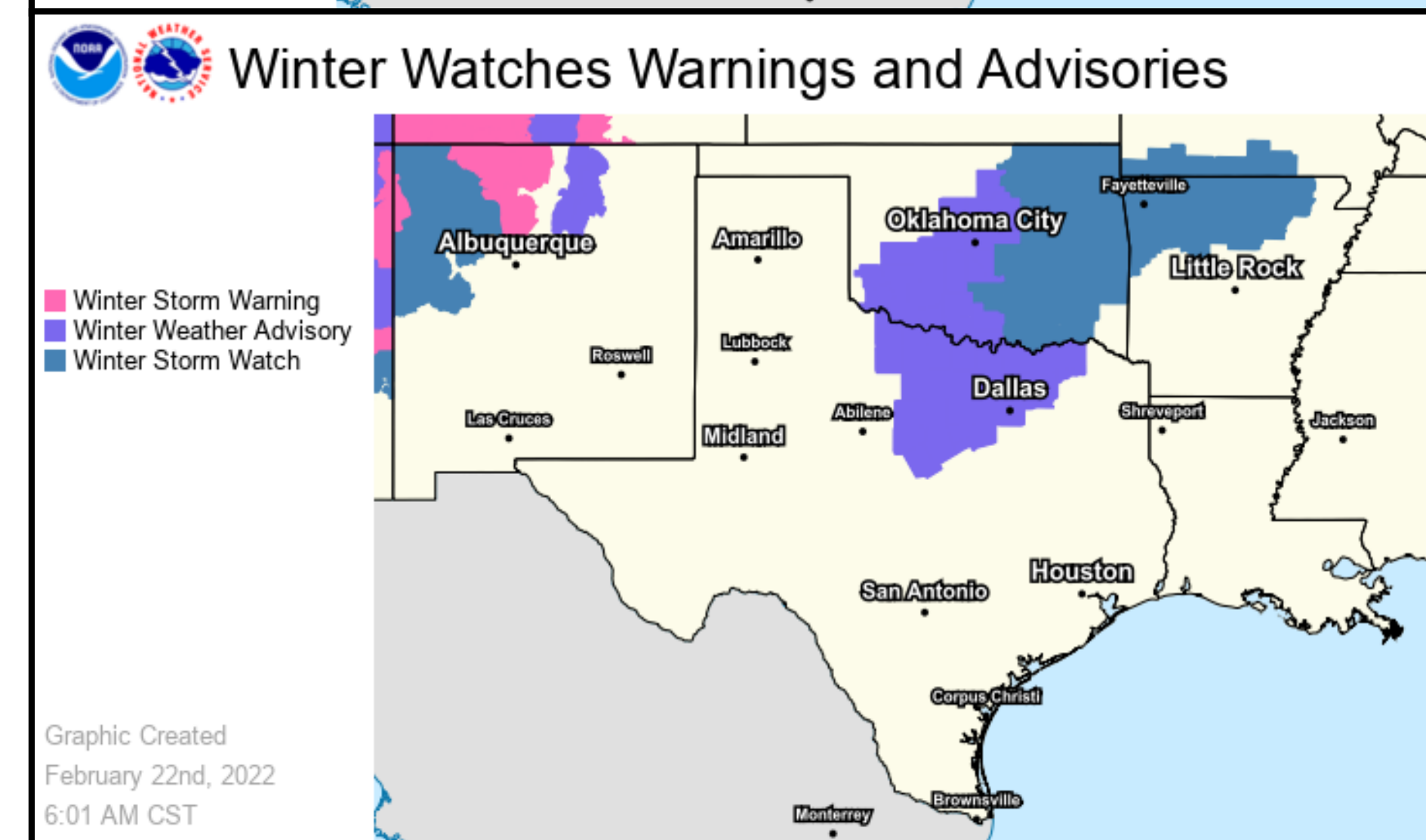
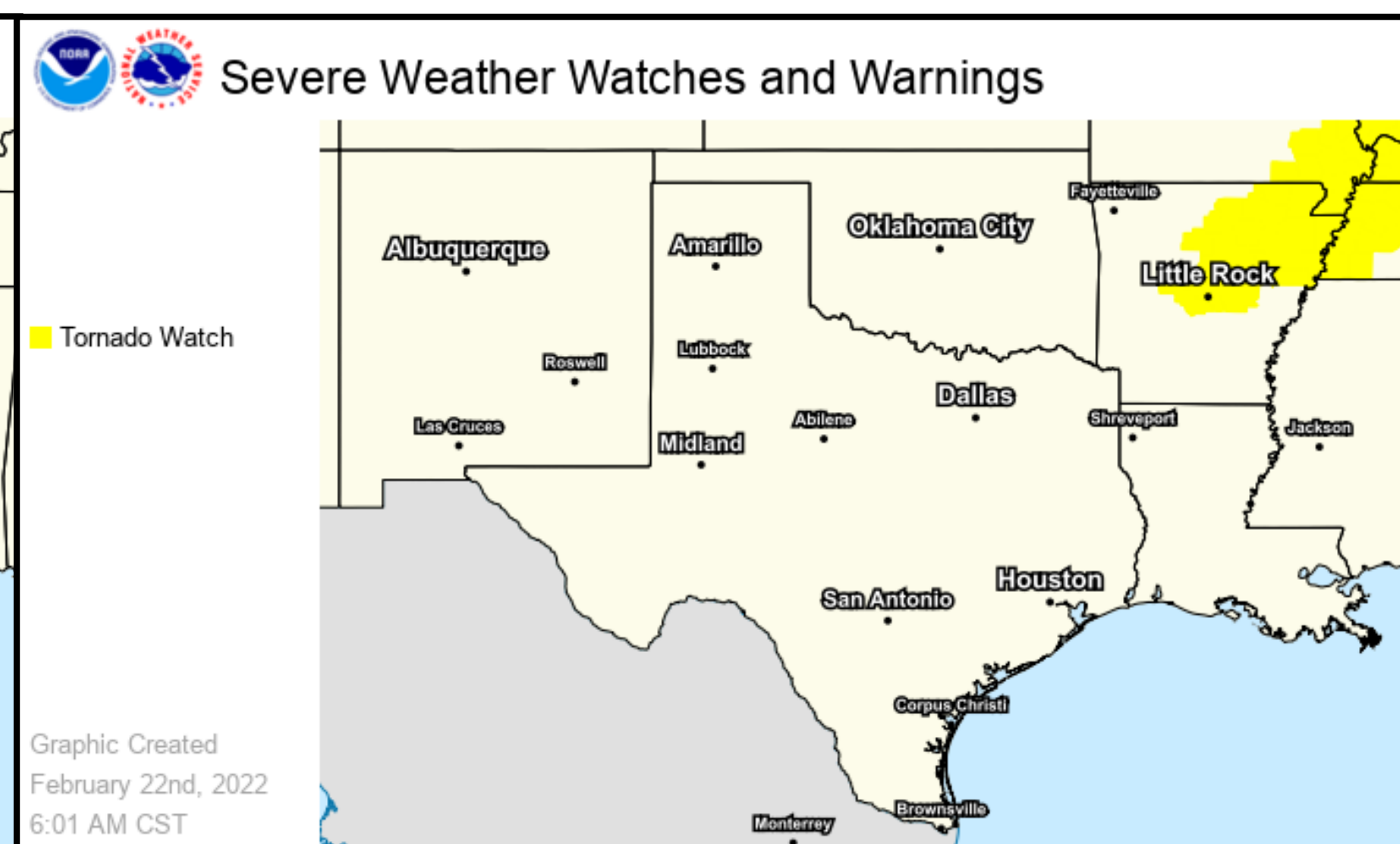
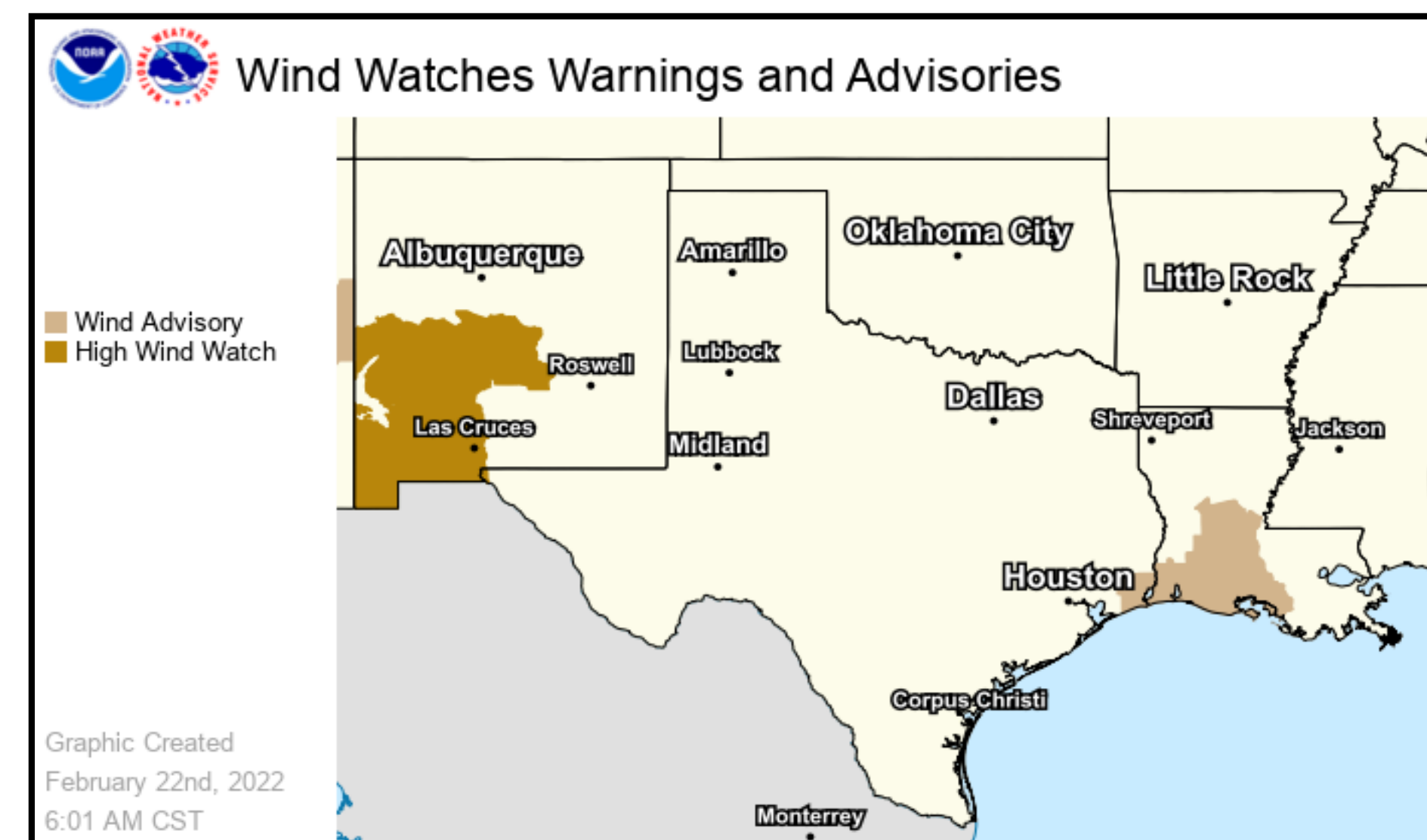
**Note: Days 3-5 only highlight critical areas**





# Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



**Winter Storm Watches across portions of E OK and N AR from Wednesday morning through Thursday afternoon. A wintry mix of ice, sleet, and snow are expected. Power outages and tree damage are possible due to ice. Travel could be nearly impossible.**

**Winter Storm Watches, Warnings and Winter Weather Advisories are in effect for portions of N&W NM, Central OK, and NTX. Wintry precipitation could lead to hazardous travel conditions.**

**Tornado Watch until 11 am CT today for Central into NE AR.**



# Winter Weather

Tuesday - Thursday

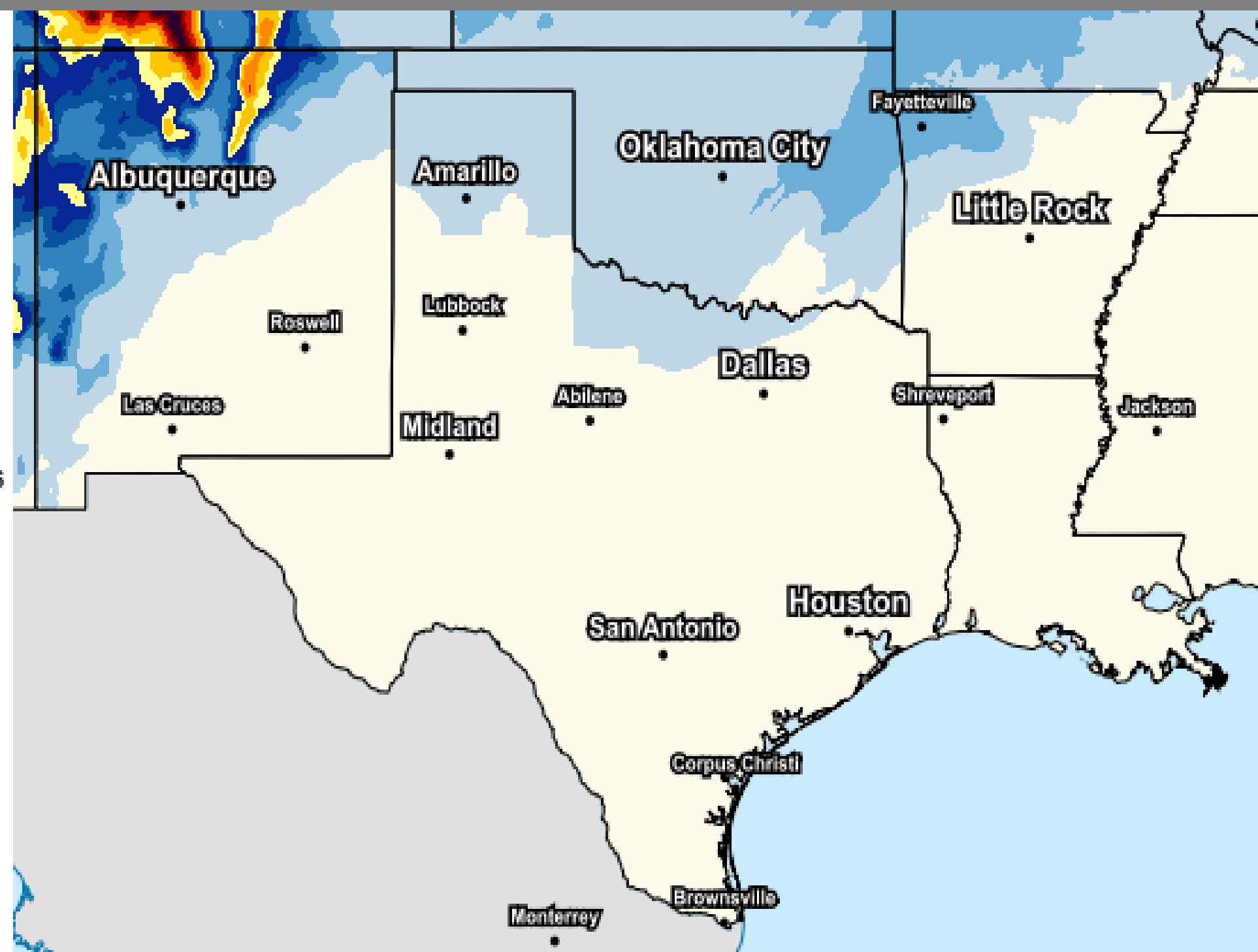
## Forecast Snow Amounts



### Forecast Snowfall

Valid Ending Friday February 25th, 2022 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created  
February 22nd, 2022  
5:21 AM CST

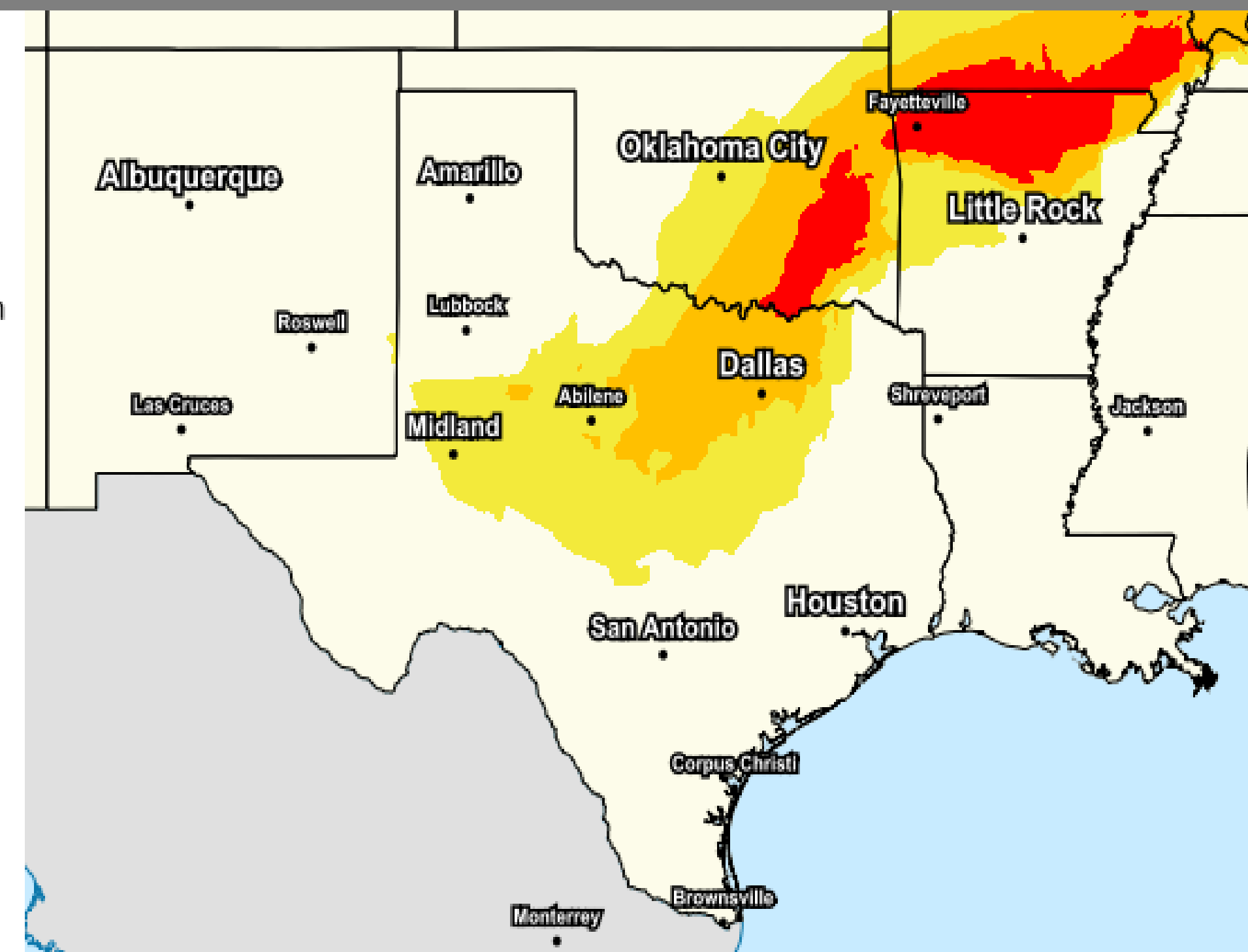
## Forecast Ice Amounts



### Ice Accumulation Forecast

Valid Ending Friday February 25th, 2022 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



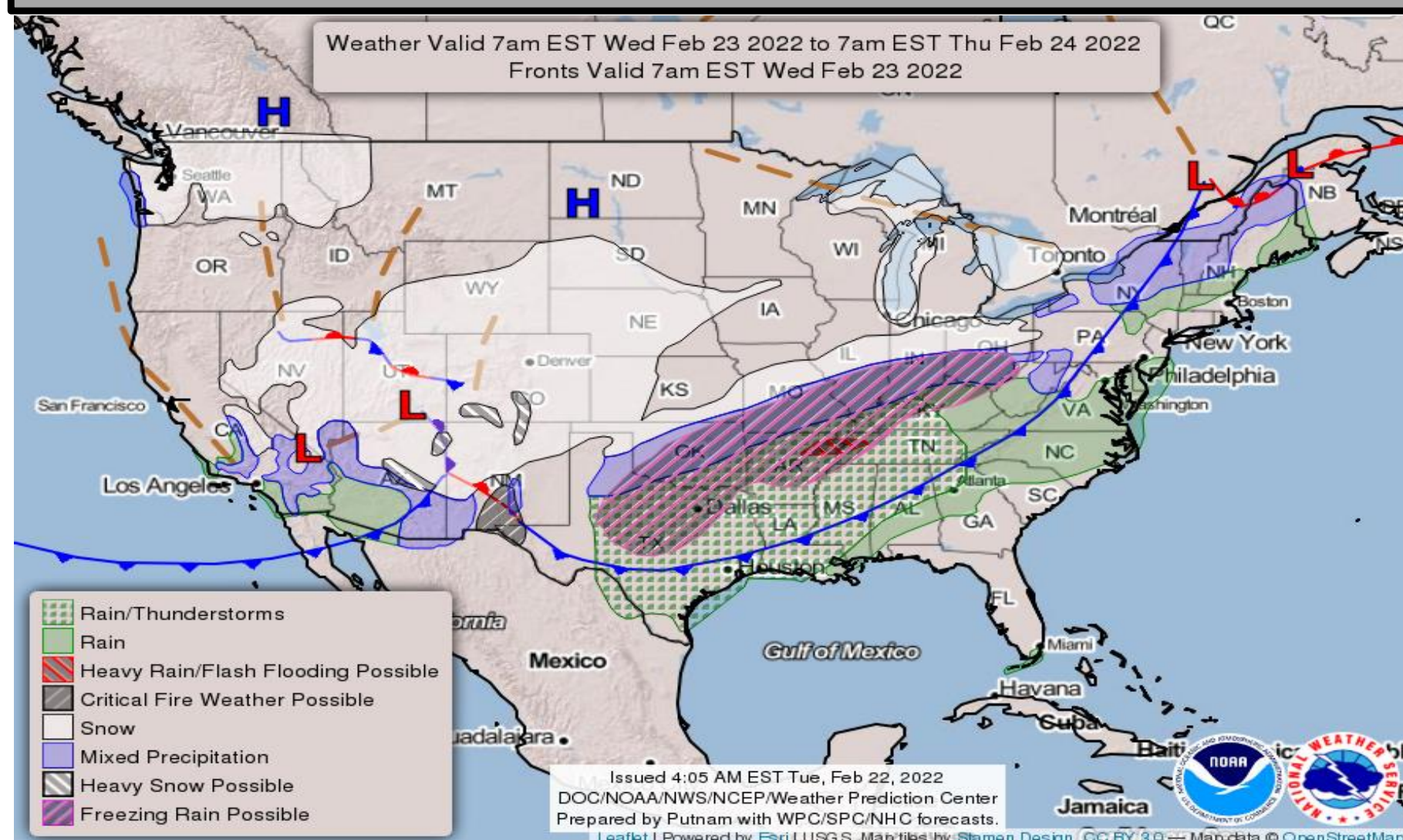
Graphic Created  
February 22nd, 2022  
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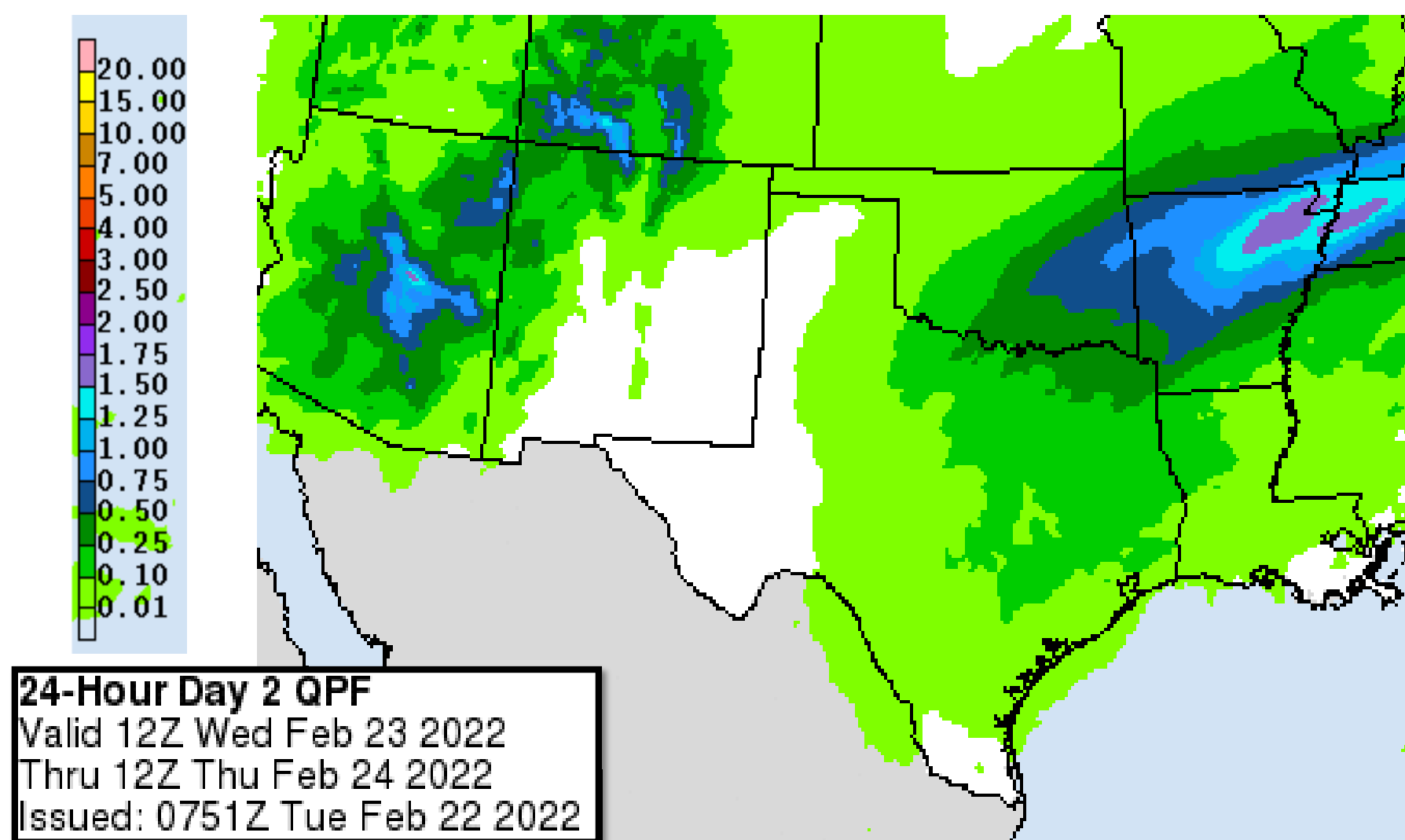


# Tomorrow's Weather

## Forecast Chart



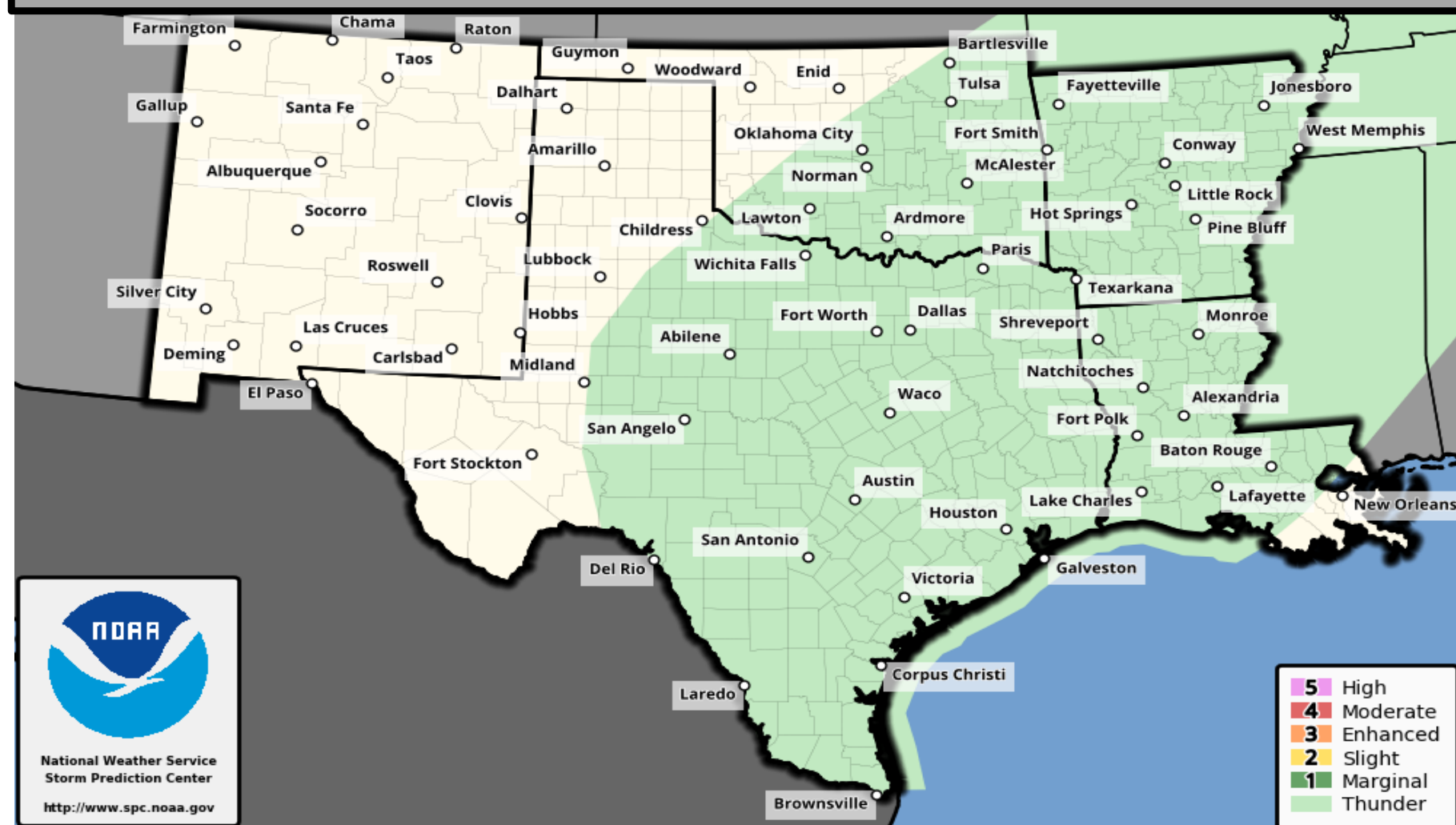
## Forecast Rainfall



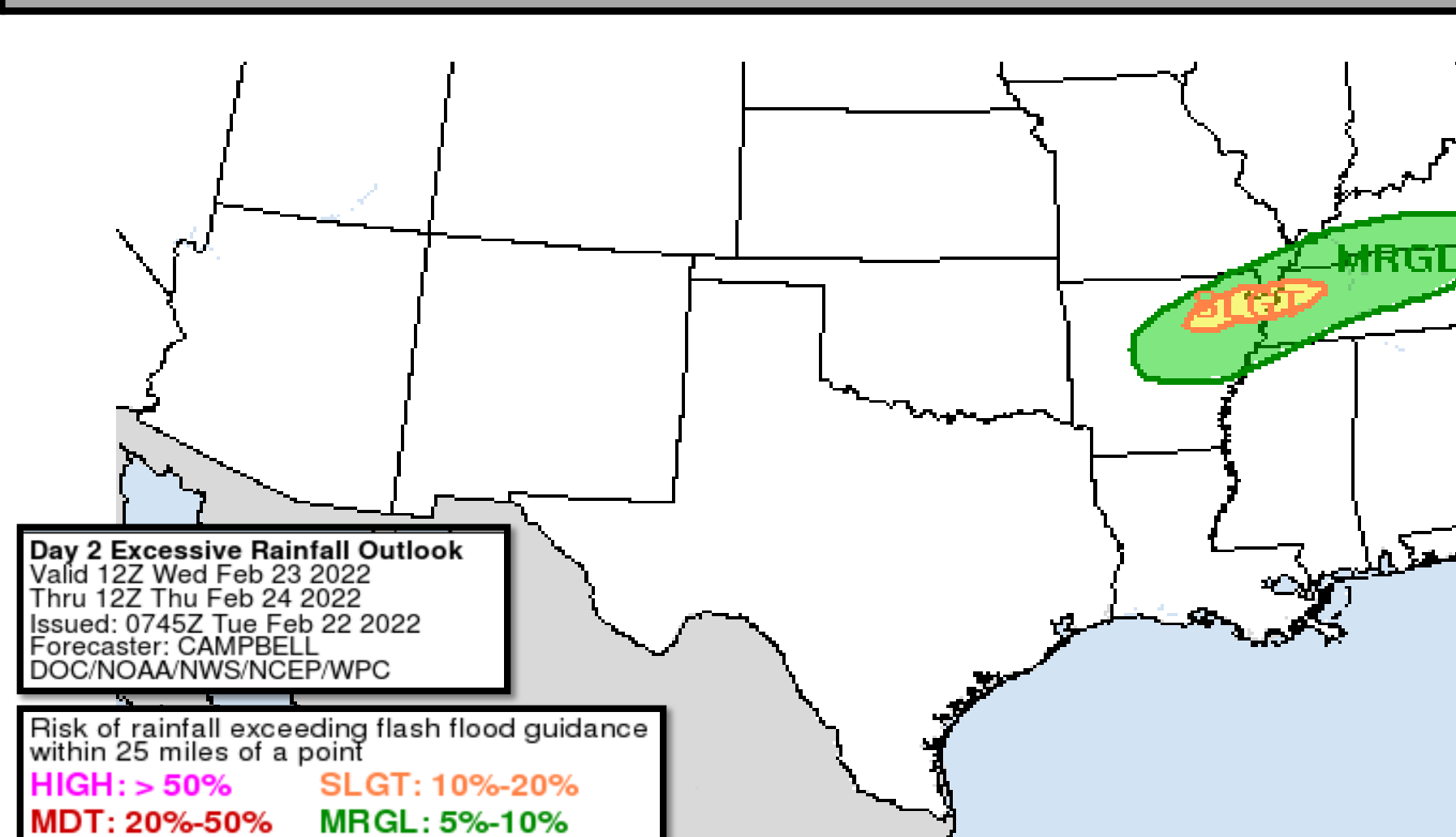
A wintry mix of ice, sleet, and snow are expected across E OK and N AR. Power outages and tree damage are possible due to ice. Travel could be nearly impossible.

Wintry precipitation could lead to hazardous travel conditions for N&W NM, Central OK, and N TX.

## Severe Weather Outlook



## Excessive Rainfall Outlook

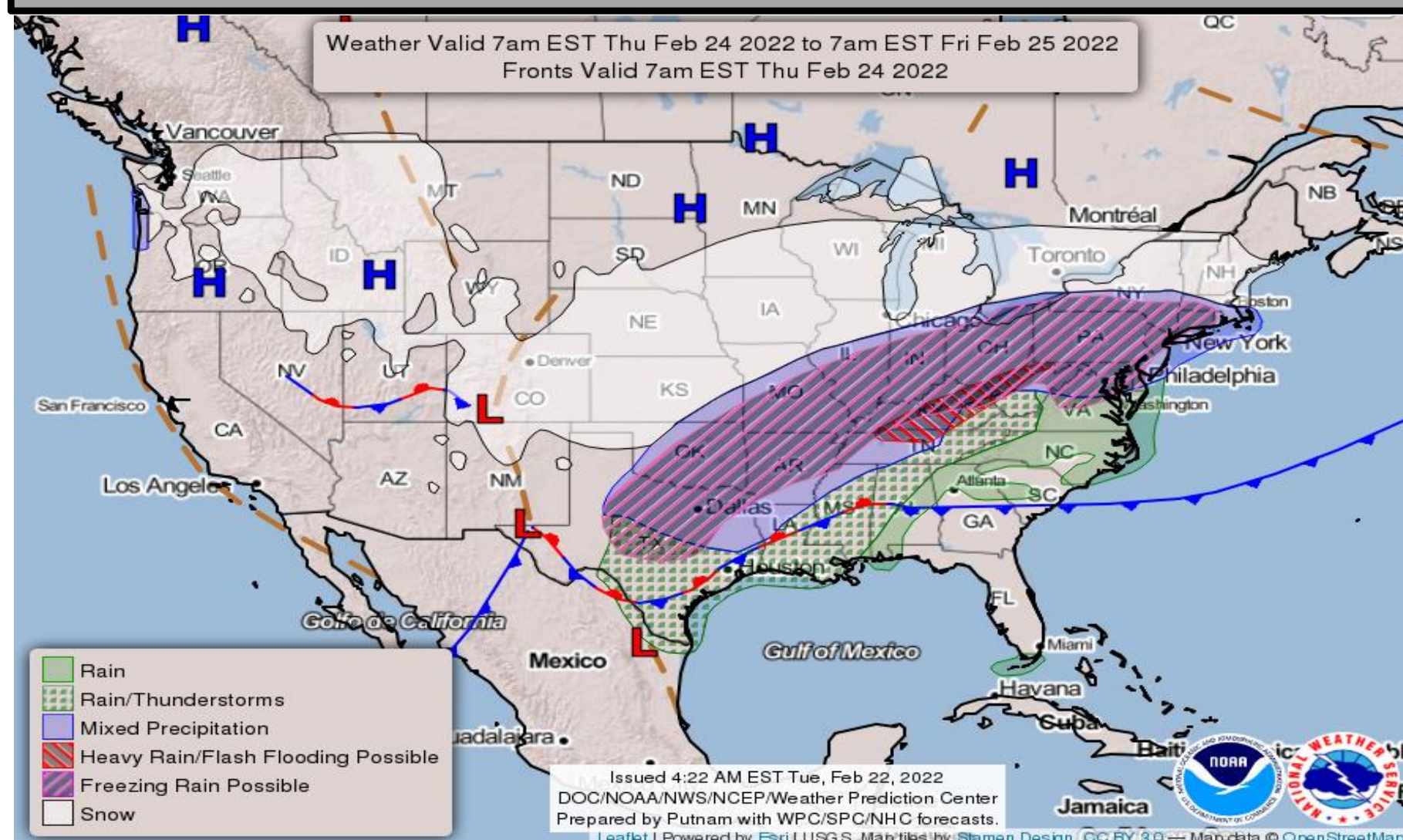




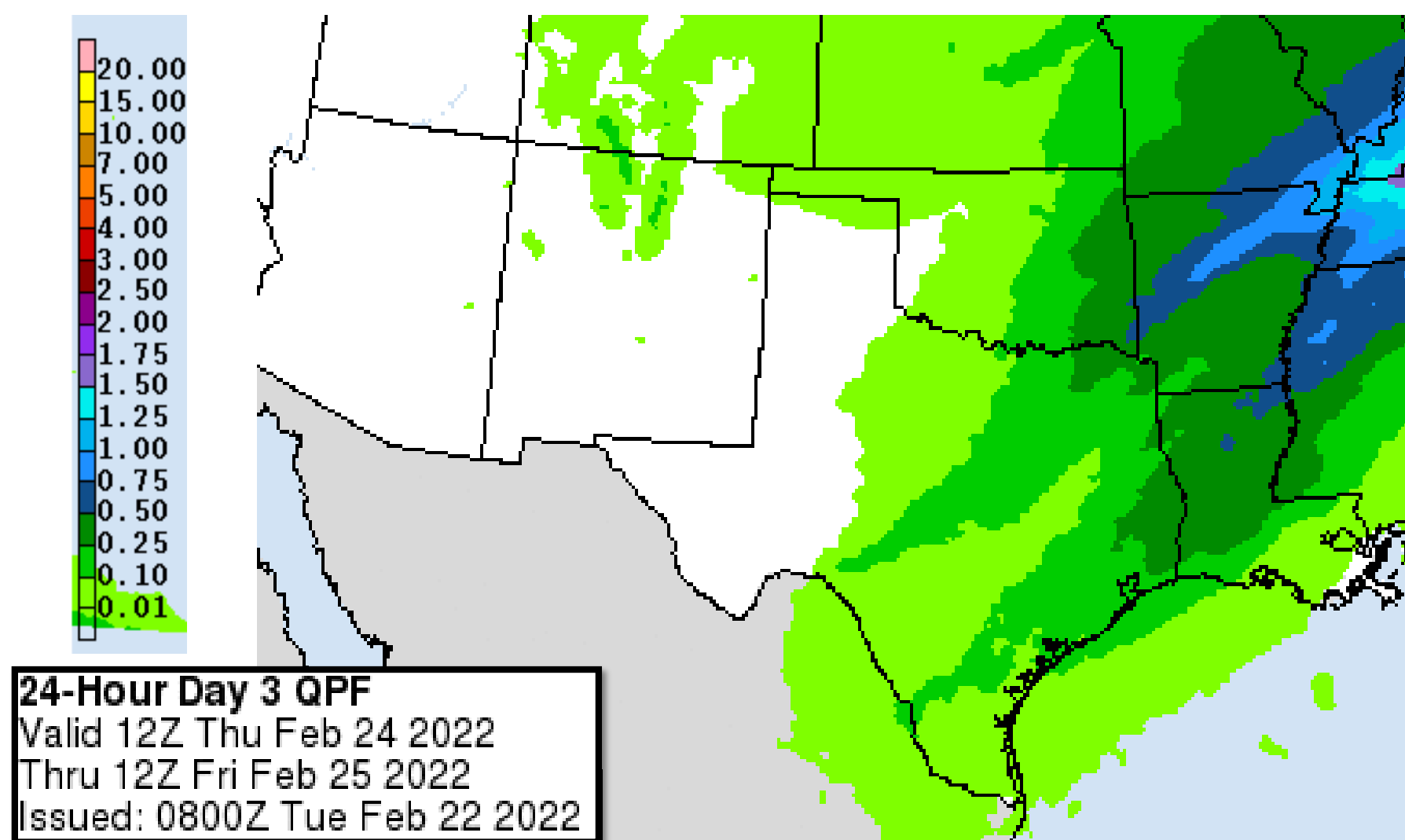


# Thursday's Weather

## Forecast Chart



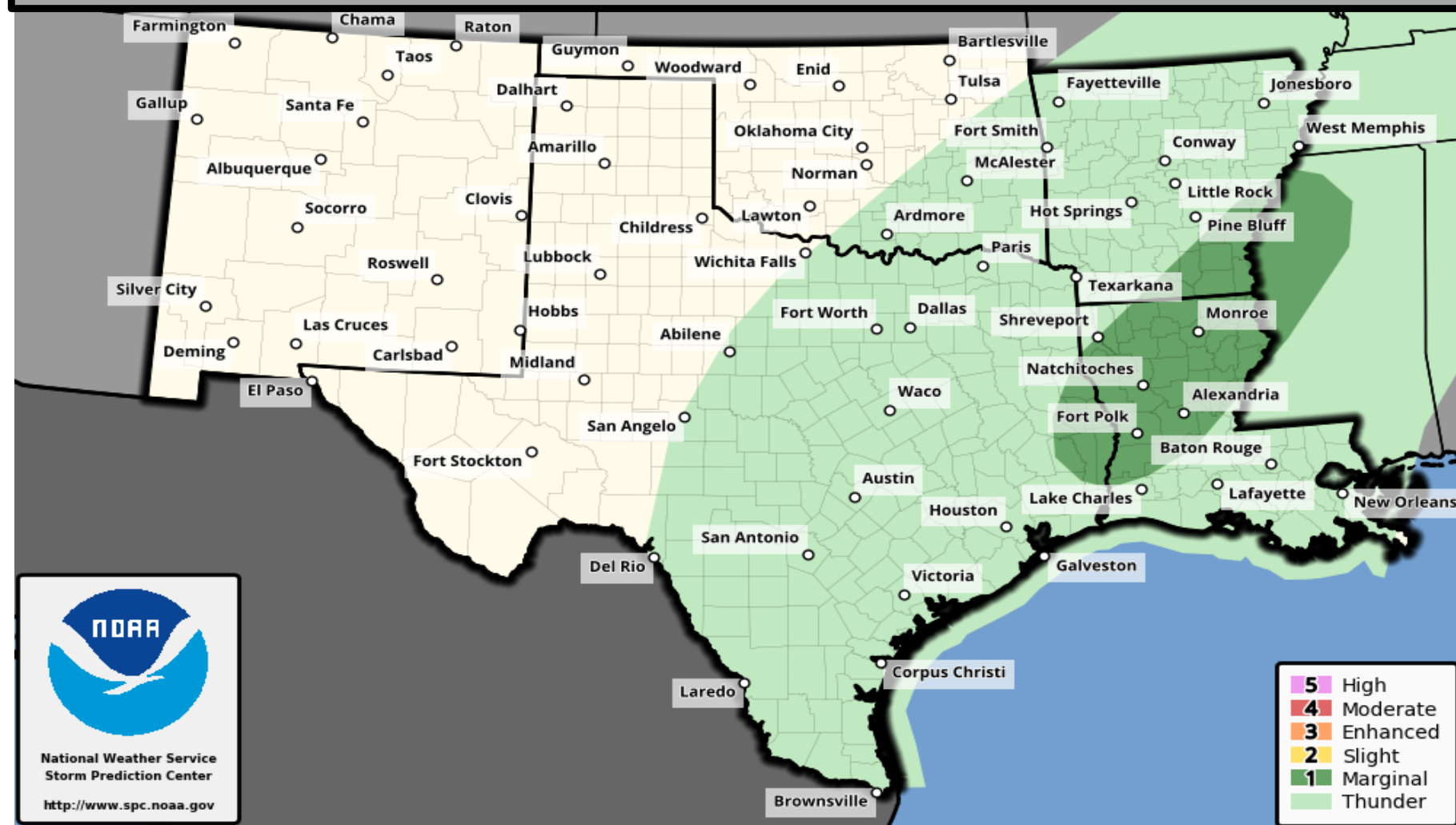
## Forecast Rainfall



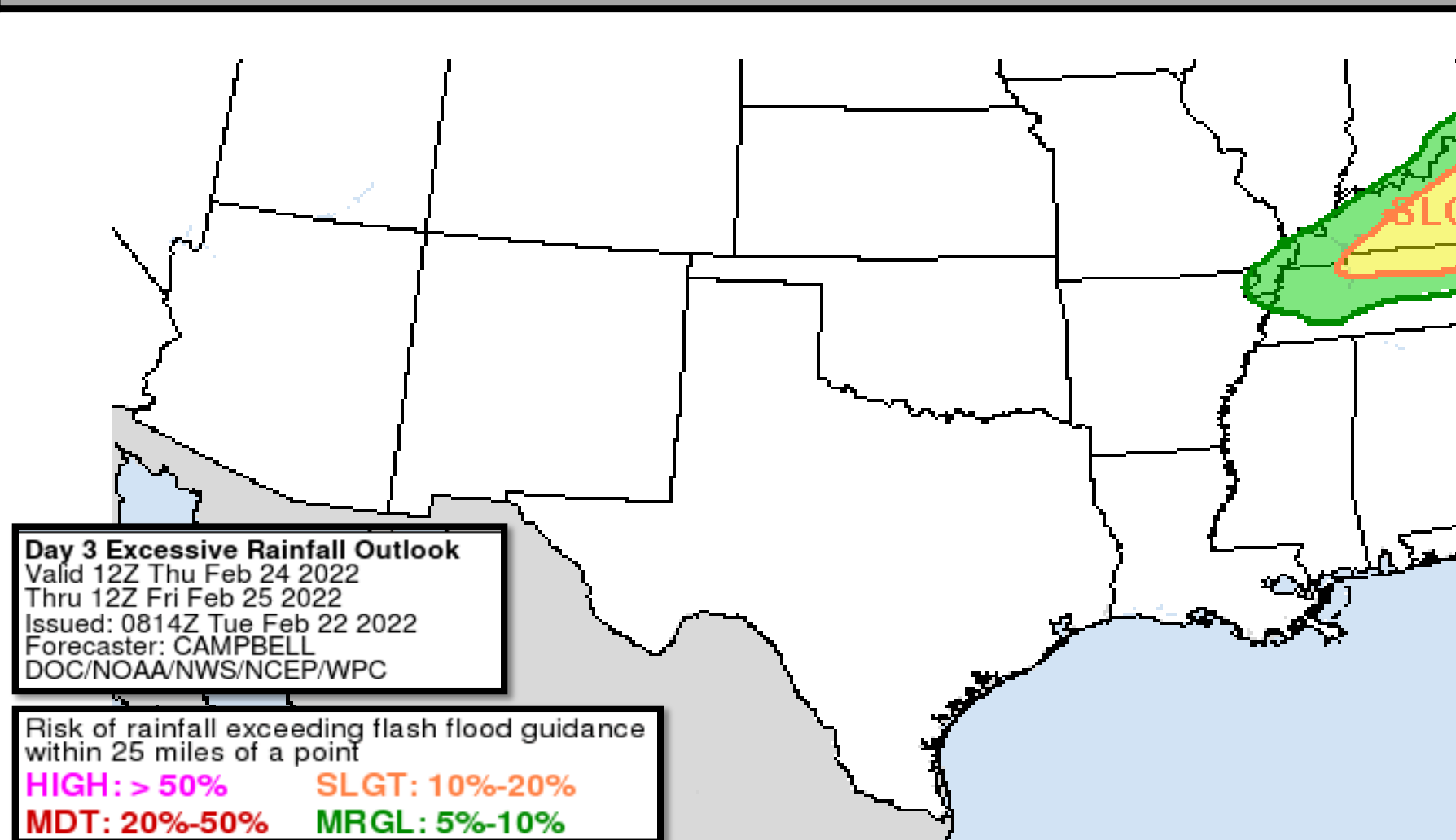
Wintry mix of ice, sleet, and snow continues into Thursday across E OK& N AR. Power outages and tree damage are possible due to ice. Travel could be nearly impossible.

Wintry precipitation with possible hazardous travel conditions continues into Thursday for N&W NM, Central OK, and N TX.

## Severe Weather Outlook



## Excessive Rainfall Outlook



Marginal risk of severe thunderstorms for E TX into LA and SE AR. Isolated hail and gusty winds are the main threats.

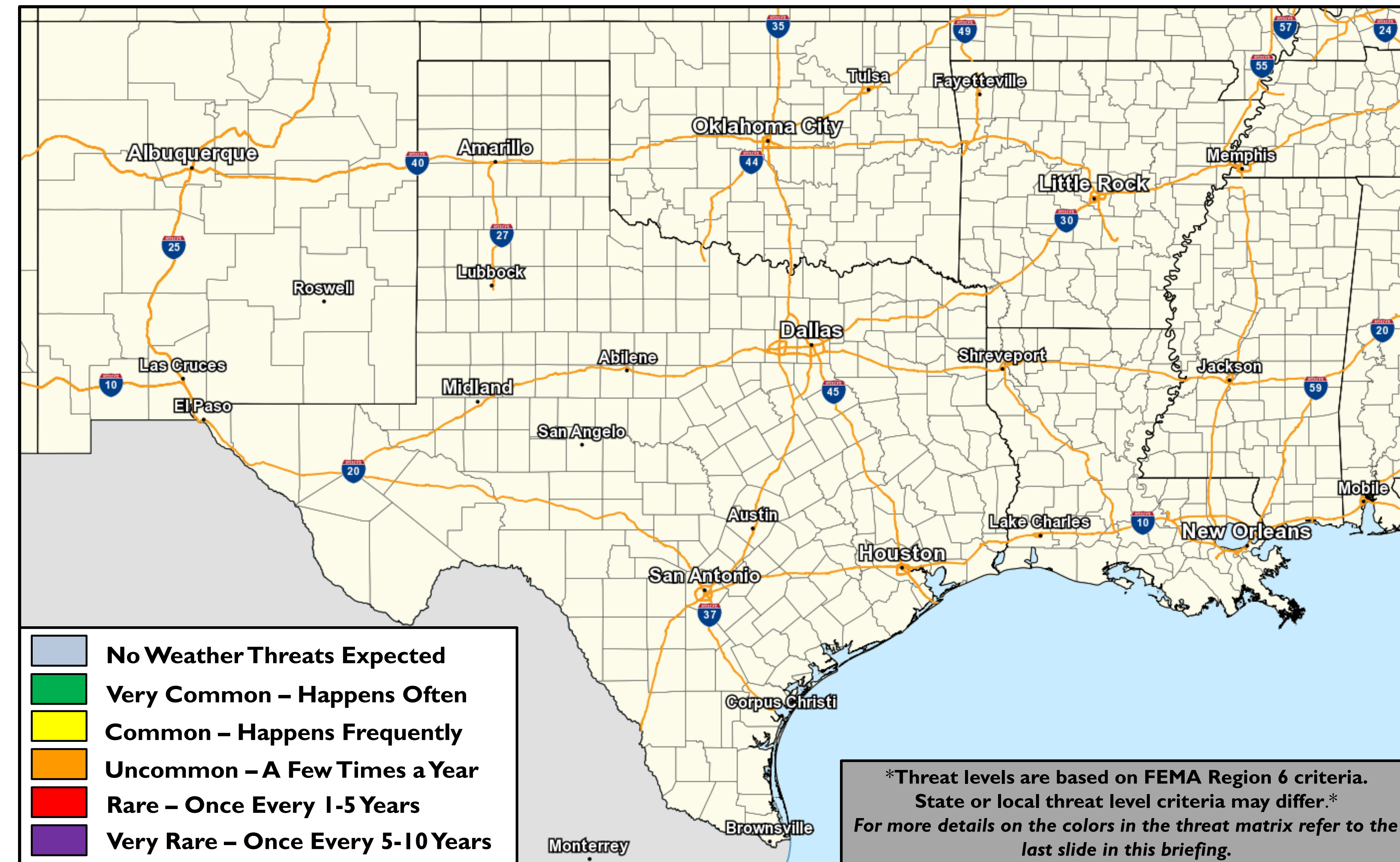




# Days 4-5 Weather Hazards

Friday - Saturday

No significant weather expected.

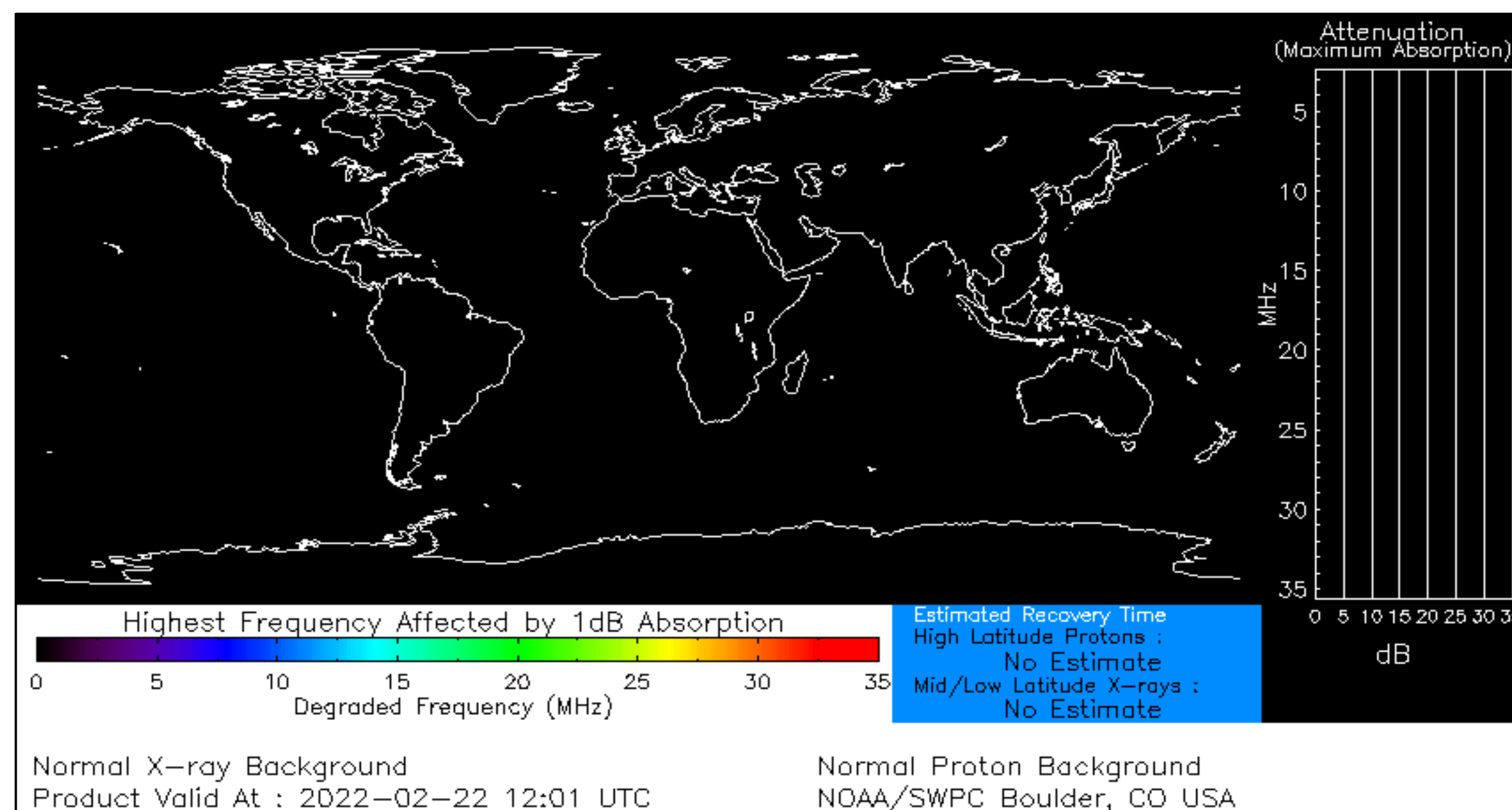






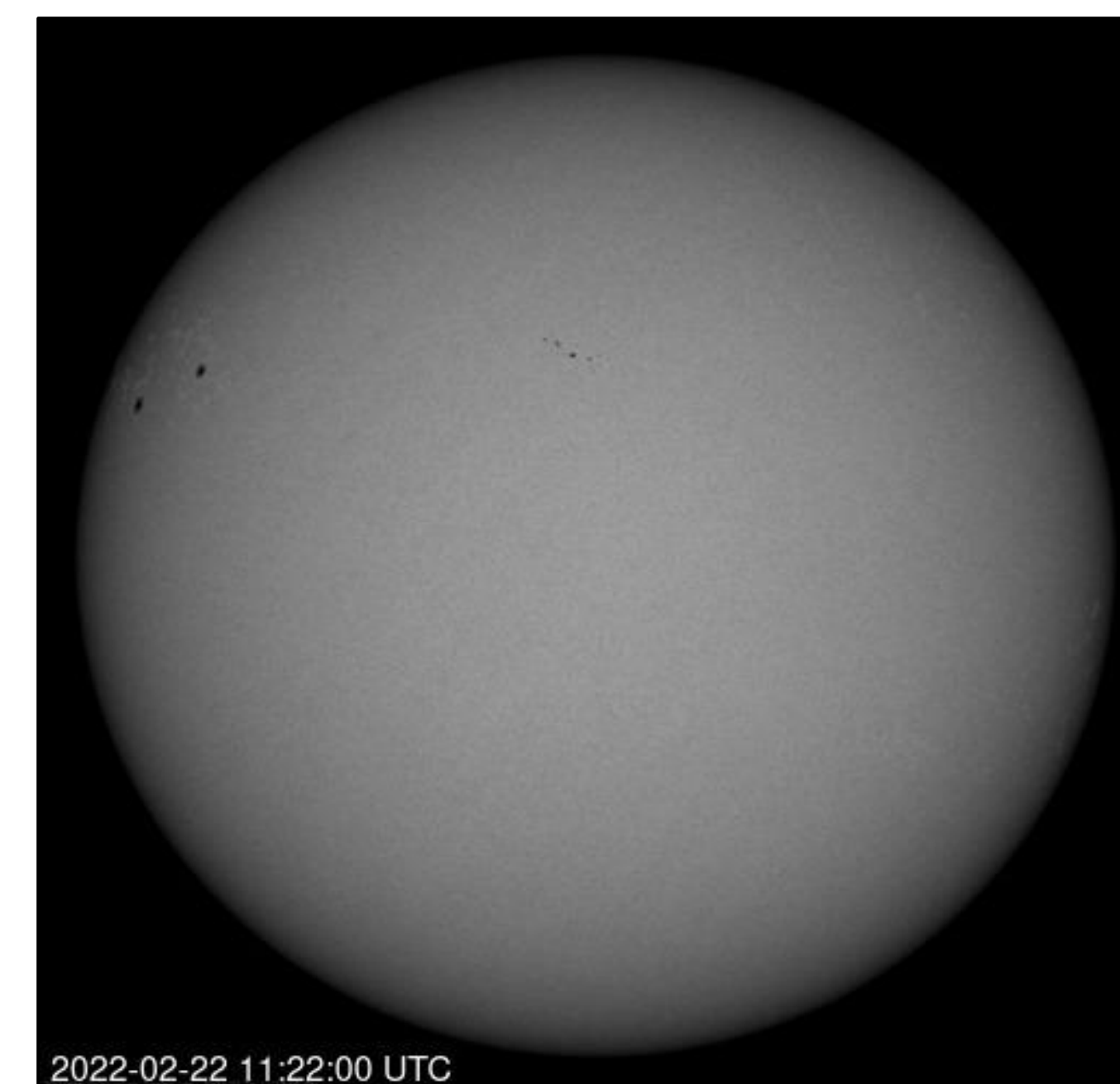
# Space Weather 3-Day Forecast

	Tuesday	Wednesday	Thursday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>
<b>Radio Blackout (R1-R2)</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>
<b>Radio Blackout (R3-R5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







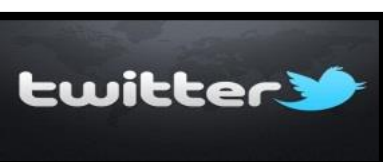
# For more information, please contact:

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**



## Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as sea breeze storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**